

Cartoon Cats

Because we all love cats and cartoon ...

```
| (ns opencv3.cartoon2
|   (:require
|     [opencv3.core :refer :all]
|     [opencv3.utils :as u]))
```

nil

```
(defn cartoon
  [buffer]
  (->
    (cvt-color! buffer COLOR_RGB2GRAY))
    (let [c (clone buffer)]
      ; (bilateral-filter buffer c 9 9 7)
      (bilateral-filter buffer c 10 250 50)
      (-> c
        (median-blur! 7)
        (adaptive-threshold! 255 ADAPTIVE_THRESH_MEAN_C
          THRESH_BINARY 9 3)
        (cvt-color! COLOR_GRAY2RGB))))))

(defn cartoon-me[url]
  (-> url
    u/mat-from-url
    (u/resize-by 0.5)
    cartoon
    u/mat-view))
```

```
#' opencv3.cartoon2/cartoon-me
```

```
(map
  cartoon-me
  [ "http://www.petmd.com/sites/default/files/sleepy-
    cat-125522297.jpg"
    "http://www.readersdigest.ca/wp-
    content/uploads/2011/01/4-ways-cheer-up-depressed-
    cat.jpg"
    "https://hyatoky.com/wp-content/uploads/cute-cat-
    wallpapers-hd-1080x580.jpg" ] )
```



